

SEQUENCE LISTING

<110> Alderson, Ralph

<120> Fibroblast Growth Factor 14

<130> PF176PlC1

<140> Unassigned

<141> 2003-09-16

<150> 09/573,362

<151> 2000-05-17

<150> 60/135,166

<151> 1999-05-20

<150> 08/462,159

<151> 1995-06-05

<160> 23

<170> PatentIn Ver. 2.1

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agccagacac tgggtcccaac ggggtggtatc tggctcctgt ggaggggggt acgtgagggg 120

gggggtactg ggggttattc tcaggtacct gtgggtggga tcagcgaggg tacctgagcg 180

tcaagagcat accctagtga gcgggctcct ctggggggaga ccagcgcgct ccggggcgct 240

gcgggtttgg ggggtgtctcc tccccggggcg ct atg gcg gcg ctg gcc agt agc 293

Met Ala Ala Leu Ala Ser Ser
1 5

ctg atc cgg cag aag cgg gag gtc cgc gag ccc ggg gcc agc cgg ccg 341

Leu Ile Arg Gln Lys Arg Glu Val Arg Glu Pro Gly Gly Ser Arg Pro
10 15 20

gtg tcg gcg cag cgg cgc gtg tgt ccc cgc gcc acc aag tcc ctt tgc 389

Val Ser Ala Gln Arg Arg Val Cys Pro Arg Gly Thr Lys Ser Leu Cys
25 30 35

cag aag cag ctc ctc atc ctg ctg tcc aag gtg cga ctg tgc ggg ggg 437

Gln Lys Gln Leu Leu Ile Leu Leu Ser Lys Val Arg Leu Cys Gly Gly
40 45 50 55

cgg ccc gcg cgg ccg gac cgc ggc ccg gag cct cag ctc aaa ggc atc Arg Pro Ala Arg Pro Asp Arg Gly Pro Glu Pro Gln Leu Lys Gly Ile	60 65 70	485
gtc acc aaa ctg ttc tgc cgc cag ggt ttc tac ctc cag ggc aat ccc Val Thr Lys Leu Phe Cys Arg Gln Gly Phe Tyr Leu Gln Ala Asn Pro	75 80 85	533
gac gga agc atc cag ggc acc cca gag gat acc agc tcc ttc acc cac Asp Gly Ser Ile Gln Gly Thr Pro Glu Asp Thr Ser Ser Phe Thr His	90 95 100	581
ttc aac ctg atc cct gtg ggc ctc cgt gtg gtc acc atc cag agc gcc Phe Asn Leu Ile Pro Val Gly Leu Arg Val Val Thr Ile Gln Ser Ala	105 110 115	629
aag ctg ggt cac tac atg gcc atg aat gct gag gga ctg ctc tac agt Lys Leu Gly His Tyr Met Ala Met Asn Ala Glu Gly Leu Leu Tyr Ser	120 125 130 135	677
tcg ccg cat ttc aca gct gag tgt cgc ttt aag gag tgt gtc ttt gag Ser Pro His Phe Thr Ala Glu Cys Arg Phe Lys Glu Cys Val Phe Glu	140 145 150	725
aat tac tac gtc ctg tac gcc tct gct ctc tac cgc cag cgt cgt tct Asn Tyr Tyr Val Leu Tyr Ala Ser Ala Leu Tyr Arg Gln Arg Arg Ser	155 160 165	773
ggc ccg gcc tgg tac ctc ggc ctg gac aag gag ggc cag gtc atg aag Gly Arg Ala Trp Tyr Leu Gly Leu Asp Lys Glu Gly Gln Val Met Lys	170 175 180	821
gga aac cga gtt aag aag acc aag gca gct gcc cac ttt ctg ccc aag Gly Asn Arg Val Lys Lys Thr Lys Ala Ala Ala His Phe Leu Pro Lys	185 190 195	869
ctc ctg gag gtg gcc atg tac cag gag cct tct ctc cac agt gtc ccc Leu Leu Glu Val Ala Met Tyr Gln Glu Pro Ser Leu His Ser Val Pro	200 205 210 215	917
gag gcc tcc cct tcc agt ccc cct gcc ccc tgaatgtag tccctggact Glu Ala Ser Pro Ser Ser Pro Pro Ala Pro	220 225	967
ggagggtccc tgcaactccca gtgagccagc caccaccaca acctgtctcc cagtctgtct 1027		
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 Arg Gly Thr Lys Ser Leu Cys Gln Lys Gln Leu Leu Ile Leu Leu Ser
 35 40 45
 Lys Val Arg Leu Cys Gly Gly Arg Pro Ala Arg Pro Asp Arg Gly Pro
 50 55 60
 Glu Pro Gln Leu Lys Gly Ile Val Thr Lys Leu Phe Cys Arg Gln Gly
 65 70 75 80
 Phe Tyr Leu Gln Ala Asn Pro Asp Gly Ser Ile Gln Gly Thr Pro Glu
 85 90 95
 Asp Thr Ser Ser Phe Thr His Phe Asn Leu Ile Pro Val Gly Leu Arg
 100 105 110
 Val Val Thr Ile Gln Ser Ala Lys Leu Gly His Tyr Met Ala Met Asn
 115 120 125
 Ala Glu Gly Leu Leu Tyr Ser Ser Pro His Phe Thr Ala Glu Cys Arg
 130 135 140
 Phe Lys Glu Cys Val Phe Glu Asn Tyr Tyr Val Leu Tyr Ala Ser Ala
 145 150 155 160
 Leu Tyr Arg Gln Arg Arg Ser Gly Arg Ala Trp Tyr Leu Gly Leu Asp
 165 170 175
 Lys Glu Gly Gln Val Met Lys Gly Asn Arg Val Lys Lys Thr Lys Ala
 180 185 190
 Ala Ala His Phe Leu Pro Lys Leu Leu Glu Val Ala Met Tyr Gln Glu
 195 200 205
 Pro Ser Leu His Ser Val Pro Glu Ala Ser Pro Ser Ser Pro Pro Ala
 210 215 220
 Pro
 225

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35 40 45
Pro Ala Val Thr Asp Leu Asp His Leu Lys Gly Ile Leu Arg Arg Arg
50 55 60
Gln Leu Tyr Cys Arg Thr Gly Phe His Leu Glu Ile Phe Pro Asn Gly
65 70 75 80
Thr Ile Gln Gly Thr Arg Lys Asp His Ser Arg Phe Gly Ile Leu Glu
85 90 95
Phe Ile Ser Ile Ala Val Gly Leu Val Ser Ile Arg Gly Val Asp Ser
100 105 110
Gly Leu Tyr Leu Gly Met Asn Glu Lys Gly Glu Leu Tyr Gly Ser Glu
115 120 125
Lys Leu Thr Gln Glu Cys Val Phe Arg Glu Gln Phe Glu Glu Asn Trp
130 135 140
Tyr Asn Thr Tyr Ser Ser Asn Leu Tyr Lys His Val Asp Thr Gly Arg
145 150 155 160
Arg Tyr Tyr Val Ala Leu Asn Lys Asp Gly Thr Pro Arg Glu Gly Thr
165 170 175
Arg Thr Lys Arg His Gln Lys Phe Thr His Phe Leu Pro Arg Pro Val
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<210> 4

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<212> PRT

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<223> Xaa equals any amino acid

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<221> MISC-FEATURE
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<223> Xaa equals any amino acid

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 tctcccgagc tcttgaggtc acatgcgttg tgggtggacgt aagccaagaa gacctgagg 180
 tcaagttcaa ctggtacgtg gacggcgttg aggtgcataa tgccaagaca aagcccgagg 240
 aggagcagta caacagcacg tacctgtgtg tcagcgtctt caccgtcttg caccaggact 300
 ggcgtgaatg caaggagtag aagtgcaggc tctccaacaa agccctccca accccatcgc 360
 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420
 catcccgagg tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggtcttc 480
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 acaagagcag gtggcagcag gggaacgtct tctcatgtct cgtgatgcat gaggctctgc 660
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<210> 15

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<211> 271
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gccctaact cgcgccagtt cgcgccattc tccgcccacat ggctgactaa ttttttttat 180
ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt 240
ttttggaggc ctaggctttt gcaaaaagct t 271

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<210> 19
<211> 12
<212> DNA
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<400> 19
ggggactttc cc 12

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<211> 73
<212> DNA
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<400> 20
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ccatctcaat tag 73

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cagttccgcc cattctccgc cccatggctg actaatTTTT tttatttatg cagagggcga 180
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<400> 23
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